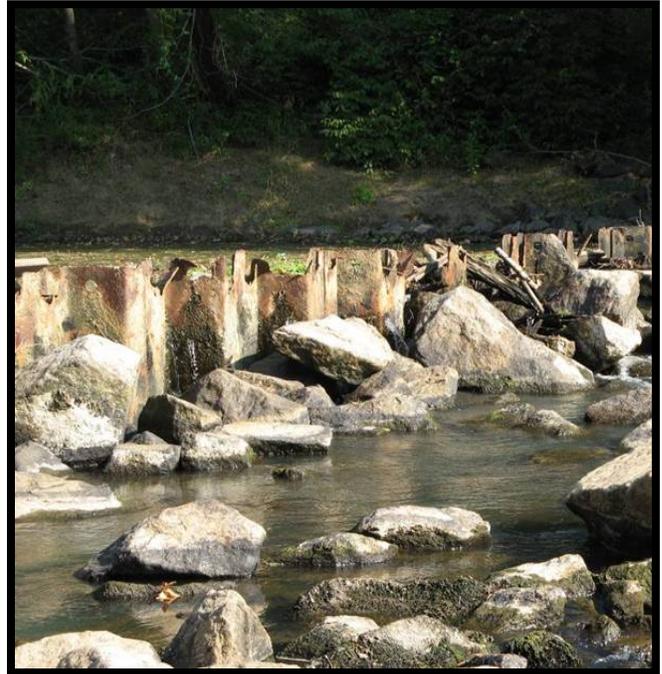




US Army Corps
of Engineers
Wilmington District

Neuse River, Goldsboro, NC (SEC 216)

- Federally owned project
- Existing weir structure in poor condition
- Initiation of Section 216 study recommended to evaluate project modifications
- Restoration of fish and wildlife habitat impacted by the project could also be initiated under Section 1135, Continuing Authorities Program



CONGRESSIONAL DISTRICT: NC 1, NC 13

DATE: 6 March 2014

1. **AUTHORIZATION:** Flood Control Act of 1941 (House Document 327, 77th Congress 1st Session)
2. **LOCATION AND DESCRIPTION:** The project is located on the Neuse River about 95 miles above New Bern, NC near Goldsboro, NC. The project consists of a cutoff channel, 12 feet deep, 20 feet wide and about 6,400 feet long. Construction was completed in 1948 consisting of a trapezoidal channel about one mile long with a low flow sheet pile weir near the upstream end. The weir section was rebuilt in 1960 and 1982 due to deterioration and corrosion.
3. **FEDERAL FUNDING ALLOCATION THRU 2013:** \$0.
4. **FY 2014 FUNDING ALLOCATION:** \$0.
5. **FY 2015 BUDGET AMOUNT:** \$0. Funds in the amount of \$100,000 could be used to conduct a reconnaissance study, perform a 905(b) analysis by reviewing the project's economic and environmental conditions, and make preliminary recommendations for repairs or deauthorization of the project.

PROJECT INFORMATION –Neuse River, Goldsboro, NC – Continued

6. **ISSUE AND/OR STATUS:** The existing weir cutoff structure is in poor structural condition and the bypass channel has significantly eroded the adjacent channel banks. Under a Federal permit issued in FY 2009, the city of Goldsboro performed temporary improvements, including placement of filter material and riprap at the weir, at their own cost. Goldsboro's fresh water intake is located on the original channel. Maintaining the weir structure at the designed crest elevation is needed to provide sufficient depth of water at the intake. This is particularly important during drought conditions.

The city has recommended pursuing additional temporary improvements and has obtained approval from the Corps of Engineers to install a new sheet pile weir adjacent to the existing structure. Further, the city is interested in partnering on a Section 216 study that could lead to a more permanent, long-term solution. Also, the city has requested the initiation of a Continuing Authorities Program Section 1135 study to restore or improve fish and wildlife habitat within the project area.

7. **OTHER INFORMATION:** In 2011, the city of Goldsboro expressed a desire to have the Corps of Engineers study decommissioning the cut-off channel to improve sediment distribution by increasing river velocities. In 2012, the city of Goldsboro prepared a white paper that offers possible approaches for a conceptual study for restoration of the Neuse River near Goldsboro, NC. This document would be used by the city and the Corps in the development of a restoration plan to reduce or eliminate the sedimentation issues, and restore natural riverine functions in the main stem of the Neuse River. This white paper was written with cooperation of members of the Public Utilities staff at the city of Goldsboro, who are highly familiar with the history of the site and its issues.